

From artleb at earthlink.net Thu Mar 2 19:50:19 2017
From: artleb at earthlink.net (Art Lebermann)
Date: Thu, 2 Mar 2017 16:50:19 -0800 (GMT-08:00)
Subject: [BoatAnchors] Meissner regen receiver
Message-ID: <28456194.19413.1488502219870@mswamui-chipeau.atl.sa.earthlink.net>

Does anyone have a Meissner T2BK or T3BK receiver that they would consider selling? These sets may also be indentified as "2BK" and "3BK".

Art Lebermann
W6REQ
artleb at earthlink.net

From arc5 at ix.netcom.com Sat Mar 4 15:03:09 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Sat, 4 Mar 2017 14:03:09 -0600
Subject: [BoatAnchors] Nice Hamfest Find: RBD
Message-ID: <F3A8DDE099F0493AA066A906DC88CC91@DaddyPC>

Went to the Irving, Texas hamfest today. Nice little fest I go to every year because of the good company and I always find a "treasure."

While boatanchors were thin and prices were high this year, I did find an unusual set: An RBD receiver in nice shape.

<https://goo.gl/photos/52Yt7QNhTUfwf3KU7>

<https://goo.gl/photos/SKJMGSGHSFuSDNUCA>

Is the case for the RBD supposed to be green wrinkle? I think this must have been GE's attempt at competition for the TCS. Same freq range but 4 bands instead of three. Four crystal-controlled channels plus manual. Provisions to drive a speaker. Same 12V - 220V power requirements. Matching transmitter (I forget the nomen at the moment). Very similar tube line-up. Looking forward to comparing it to the TCS. It will have a ways to go to measure-up. We'll see.
73 Dave AB5S

From arc5 at ix.netcom.com Sat Mar 4 15:23:48 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Sat, 4 Mar 2017 14:23:48 -0600

Subject: [BoatAnchors] Irving, Texas Hamfest BA Photos 4Mar17
Message-ID: <D00D38B9DE0D4197A2EE51E7A8D7DD4F@DaddyPC>

Irving, Texas holds a smallish hamfest every year in March. This year was on the 4th. I always try to go because I see some excellent folks there and nearly always find an unusual treasure of some kind.

A bit thin on boatanchors this year and the prices were generally high. Someone brought a big pile of BA gear late in the morning, much of it looking like it was "fresh from the goat barn" but with Ebay prices. None of it had sold by the time I left. Did have a very nice looking (but AC supply hacked) BC-348R but \$150 was a "pass." All the Command Set rigs save a couple of junkers sold. Found Ronnie, W5SUM, a nice DX-40 / VF-1 with the crystal door.

Of course, my "lucky" streak for hamfest sales continues, being "skunked" again, even when my prices are lower. Why do I keep trying? Maybe my feet stink or something.

Here are some photos.
<https://goo.gl/photos/Vf9cV3CFG7EBMwKl9>

73 DE Dave AB5S

From arc5 at ix.netcom.com Tue Mar 7 10:15:18 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Tue, 7 Mar 2017 09:15:18 -0600
Subject: [BoatAnchors] Drake R4 Receiver in Good Condition
Message-ID: <B2FF01C954E34F139D49639A1B0B6120@DaddyPC>

I have a nice Drake R4. Photos at:

Not "collector" but a bit above average.
Chassis not rusted. Sounds nice.

\$150 plus \$20 shipping from 75173
(U.S. - Overseas postage calculated)
I take only PayPal.
If no interest today, it goes to Ebay.
Thanks.

From arc5 at ix.netcom.com Tue Mar 7 10:46:47 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Tue, 7 Mar 2017 09:46:47 -0600
Subject: [BoatAnchors] OOPS Drake R4 Receiver in Good Condition
Message-ID: <BD37EA79166840C6B22C724CEC07D6B9@DaddyPC>

Lets try this again with the pics/
video link this time:
<https://goo.gl/photos/XZx2zhKrS9L39WAx7>

>I have a nice Drake R4. Photos at:
>
> Not "collector" but a bit above average.
> Chassis not rusted. Sounds nice.
>
> \$150 plus \$20 shipping from 75173
> (U.S. - Overseas postage calculated)
> I take only PayPal.
> If no interest today, it goes to Ebay.
> Thanks.
>

From ajamas.rn at gmail.com Fri Mar 10 22:42:13 2017
From: ajamas.rn at gmail.com (Katz Ajamas)
Date: Fri, 10 Mar 2017 22:42:13 -0500
Subject: [BoatAnchors] ICM going out of business
Message-ID: <CA+kZa5o-Wg56t=18KfGaZNZUD4cGB4TQZ2r-2yspa8X2cCBpXQ@mail.gmail.com>

Seen at their web site:
<https://www.icmfg.com/index.html>

73, -Bob ah7i/w4

--
-do not look into LASER with remaining eye!

From chuck at chuckg.com Sat Mar 11 15:32:33 2017
From: chuck at chuckg.com (Chuck Grandgent)
Date: Sat, 11 Mar 2017 15:32:33 -0500
Subject: [BoatAnchors] ICM oscillator QRP "transmitter"
Message-ID: <CAAPzMSb77nMiacjm7bddwcdXBumzy+fCMqJrdCOZF5C73ccTVw@mail.gmail.com>

Here is a link to a photo of an ICM oscillator they used to sell,
I used it as a QRP transmitter quite successfully.

<http://chuckg.com/internationalcrystal.html>

Chuck, K10M, Alachua, FL

From wa9jml at frontier.com Sat Mar 11 18:52:15 2017
From: wa9jml at frontier.com (Steve Berg)
Date: Sat, 11 Mar 2017 17:52:15 -0600
Subject: [BoatAnchors] ICM oscillator QRP "transmitter"
In-Reply-To: <CAAPzMSb77nMiacjm7bddwcdXBumzy+fCMqJrdCOZF5C73ccTVw@mail.gmail.com>
References: <CAAPzMSb77nMiacjm7bddwcdXBumzy+fCMqJrdCOZF5C73ccTVw@mail.gmail.com>
Message-ID: <c39b66c2-2790-fb7b-9427-c2bdbb8a0216@frontier.com>

For some years, I used one of their cascode 2 meter converters with my BC-455 Command Set receiver. It is really sad to see them go out of business!

Steve WA9JML

From navy.radio at gmail.com Sun Mar 12 16:06:09 2017
From: navy.radio at gmail.com (Nick England)
Date: Sun, 12 Mar 2017 16:06:09 -0400
Subject: [BoatAnchors] Charlotte NC hamfest photos
Message-ID: <CAB55hNcOekGbSr+EHf1aB2-5c0BnWV5DVLcRiRdmJ1aefTCSJA@mail.gmail.com>

Good to see and talk with many boatanchor fans.
Pretty good showing of boatanchors at reasonable prices.
<http://www.virhistory.com/ham/clt-17.htm>
Cheers,
Nick England K4NYW
www.navy-radio.com

From wa9jml at frontier.com Wed Mar 15 12:49:26 2017
From: wa9jml at frontier.com (Steve Berg)
Date: Wed, 15 Mar 2017 11:49:26 -0500
Subject: [BoatAnchors] Some Classic 6 Meter Equipment
Message-ID: <7ca218af-9adf-9f13-cb39-4abe0fc2efc0@frontier.com>

I really hate to send these items to the electronics recycling program.

I have a P&H 6-150 transmitting converter with a solid state 5R4 replacement and 2 spare final tubes. I have had this since high school

in the 1960s. It has the 20 meter IF

I also have a Tapetone dual cascode receiving converter, recommended by the Silent Key who wrote the 5 Meter Liberation Front stories. It has had a phono jack installed so I could run the L0 output from the P&H to the receiving converter. I can include the standard L0, as I saved it. This also has the 20 meter IF.

Then, I have a Parks Labs 6 meter nuvistor converter with a 20 meter IF. I have had this since high school, too.

These are Free To a Good Home, and I am willing to pay half the packing and shipping expenses for them.

I last used these to work Greenland in the last F2 openings last cycle. My 8 watts didn't get there loud enough.

I am looking at downsizing in preparation for a move.

If there is no interest, they go off to be recycled.

73,

Steve WA9JML

From gerboid at att.net Wed Mar 15 14:16:23 2017
From: gerboid at att.net (Lawrence Bearse)
Date: Wed, 15 Mar 2017 18:16:23 +0000 (UTC)
Subject: [BoatAnchors] Some Classic 6 Meter Equipment
In-Reply-To: <7ca218af-9adf-9f13-cb39-4abe0fc2efc0@frontier.com>
References: <7ca218af-9adf-9f13-cb39-4abe0fc2efc0@frontier.com>
Message-ID: <322401371.779964.1489601783856@mail.yahoo.com>

I have one of those Parks converters. They are pretty good. I dont need another really but if nobody else wants it then I could use a spare. I use mine with a R390A and Viking 6N2 wired to a Viking 1 TX.

Larry WA1LGQ

From wa9jml at frontier.com Wed Mar 15 15:00:21 2017
From: wa9jml at frontier.com (Steve Berg)
Date: Wed, 15 Mar 2017 14:00:21 -0500
Subject: [BoatAnchors] Some Classic 6 Meter Equipment
In-Reply-To: <7ca218af-9adf-9f13-cb39-4abe0fc2efc0@frontier.com>
References: <7ca218af-9adf-9f13-cb39-4abe0fc2efc0@frontier.com>

Message-ID: <7a9ce0c0-daff-f22e-9b01-e48e6b603fc7@frontier.com>

The 6 meter equipment is all spoken for.

From w4rl at bellsouth.net Thu Mar 16 18:49:18 2017
From: w4rl at bellsouth.net (Robert)
Date: Thu, 16 Mar 2017 17:49:18 -0500
Subject: [BoatAnchors] WTB Harvey Wells T-90 POWER SUPPLY APS-90
Message-ID: <58CB166E.6040703@bellsouth.net>

<http://nationwide-radio--amp-amp-amp--eq-sales-llc.mybigcommerce.com/harvey-wells-t-90-transmitter-in-collector-quality-condition-aps-90-ac-power-supply/>

Subject says it all. Certainly would like to have one to match with my T-90.
Thanks for the read. 73 Robert W4RL Pensacola

From wwatson5 at sbcglobal.net Thu Mar 16 23:24:23 2017
From: wwatson5 at sbcglobal.net (William Watson)
Date: Fri, 17 Mar 2017 03:24:23 +0000 (UTC)
Subject: [BoatAnchors] Looking for Hallicrafters Super Skyrider S-16 (SX-16)
Bottom Cover
References: <380308479.1924240.1489721063487.ref@mail.yahoo.com>
Message-ID: <380308479.1924240.1489721063487@mail.yahoo.com>

This is really a long shot, but I have a Hallicrafters Super Skyrider S-16 (SX-16) that is working well, in great shape, but minus the bottom cover. I know, I can make one, but if someone has one they would sell, it would be great. Just let me know.
Thanks.
Joe WatsonW5WBR

From chuck at chuckg.com Fri Mar 17 14:37:20 2017
From: chuck at chuckg.com (Chuck Grandgent)
Date: Fri, 17 Mar 2017 14:37:20 -0400
Subject: [BoatAnchors] BoatAnchors Digest, Vol 293, Issue 4
In-Reply-To: <mailman.0.1489770000.38281.boatanchors@theporch.com>
References: <mailman.0.1489770000.38281.boatanchors@theporch.com>
Message-ID: <CAAPzMSbKUViF2pMK-GaiVGvd0Nme506BqinaDYOhnaD9uqiWMw@mail.gmail.com>

I have two SX16's. One fully restored and plays great, the other a parts unit I have never done any work on.

You can see the good one with the link at the bottom of this page
http://www.chuckg.com/urm25d_repairs.htm

I am actually looking to get rid of both of them as we contemplate downsizing into a condo.

Chuck, K10M, Alachua, FL

On Fri, Mar 17, 2017 at 1:00 PM, <boatanchors-request at theporch.com> wrote:

```
> Send BoatAnchors mailing list submissions to
>     boatanchors at theporch.com
>
> To subscribe or unsubscribe via the World Wide Web, visit
>     https://theporch.com/mailman/listinfo/boatanchors
> or, via email, send a message with subject or body 'help' to
>     boatanchors-request at theporch.com
>
> You can reach the person managing the list at
>     boatanchors-owner at theporch.com
>
> When replying, please edit your Subject line so it is more specific
> than "Re: Contents of BoatAnchors digest..."
>
> Today's Topics:
>
>   1. WTB Harvey Wells T-90 POWER SUPPLY APS-90 (Robert)
>   2. Looking for Hallicrafters Super Skyrider S-16 (SX-16) Bottom
>      Cover (William Watson)
>
>
> ----- Forwarded message -----
> From: Robert <w4rl at bellsouth.net>
> To: boatanchors at theporch.com
> Cc:
> Bcc:
> Date: Thu, 16 Mar 2017 17:49:18 -0500
> Subject: [BoatAnchors] WTB Harvey Wells T-90 POWER SUPPLY APS-90
> http://nationwide-radio--amp-amp-amp--eq-sales-llc.mybigcomm
> erce.com/harvey-wells-t-90-transmitter-in-collector-
> quality-condition-aps-90-ac-power-supply/
>
> Subject says it all. Certainly would like to have one to match with my
> T-90.
> Thanks for the read. 73 Robert W4RL Pensacola
>
>
>
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> ----- Forwarded message -----
> From: William Watson <wwatson5 at sbcglobal.net>
> To: "boatanchors at theporch.com" <boatanchors at theporch.com>
> Cc:
> Bcc:
> Date: Fri, 17 Mar 2017 03:24:23 +0000 (UTC)
> Subject: [BoatAnchors] Looking for Hallicrafters Super Skyrider S-16
> (SX-16) Bottom Cover
> This is really a long shot, but I have a Hallicrafters Super Skyrider S-16
> (SX-16) that is working well, in great shape, but minus the bottom cover.
> I know, I can make one, but if someone has one they would sell, it would
> be great.
> Just let me know.
> Thanks.
> Joe WatsonW5WBR
>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://theporch.com/mailman/listinfo/boatanchors>
>
>

From arc5 at ix.netcom.com Sat Mar 18 12:35:54 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Sat, 18 Mar 2017 11:35:54 -0500
Subject: [BoatAnchors] BC-9: Blessings and VT-1 Report
Message-ID: <8A4E2CA25E6C4143A8DFB732075AAC5D@DaddyPC>

Why The Almighty has blessed me, the least worthy
of men, to know people on these lists so kind and
so generous of spirit, I cannot guess.
I can only be humbly grateful and do my best
to be worthy of such men. One of our members
sent me the matching BE-48 Equipment-Battery
Box-Mount and another member sent me three
working VT-1 tubes. I am overwhelmed.
Thank you, thank you.

To refresh where we were before the VT-1s:
The manual is at:
<http://tinyurl.com/n2ljjo3>

Many photos at:
<https://goo.gl/photos/1gM2VvHFYUxrWL316>

The radio was refurbished to the original-design circuit, save with these substitute tubes:

Triode-connected 6AQ5 Osc/Detector
for external tank coil and link.

VT-25A Osc/Det for Loop.

Two 01As for Audio Amp.

Original-Design power requirements are:

120V RF B+

40V Amplifier B+

-20V Bias

4V A+

When using substitute tubes, which have different filament requirements, the A+ voltage is set at 6.3V.

Power is currently provided by four DC-DC converters, allowing the set to be run from a 12V storage battery. 120V is provided by two isolated dual-output converters in series (+/-48V, +/-15V). 40V is provided by one end of another +/-48V converter. Bias voltage is provided by two 9-Volt batteries. A+ is from a non-isolated adjustable Buck converter. Ground currents from the HV side are causing some heat issues with the A+ converter, even though the total Filament current is within spec, so I will be replacing this one with a linear regulator. Birdies only become an issue when the storage battery nears discharge. No idea why.

We found that, when using the set "as designed," the transmit frequency was offset many KCs from the receive frequency and agreed that this could not have been the original intent. After much "chewing" on the problem and discussion by our group, and some experiments, we found that inserting one of the common "Radio Shack" 100 uH choke coils at the input of the Plate filtering circuit:
<https://goo.gl/photos/riJSGYi71HTuYboR6>
netted the set and it is successfully making contacts. The offsets between transmit and receive frequencies are somewhat dependent on the Oscillator tube used and the antenna configuration, all of them providing a usable offset.

The chance to test the set in "full original design" configuration came with the generous gift of a working set of three VT-1s.

I bypassed the inserted choke, reset the A+ to the design-level of 4V and tested the set.

To my great surprise, the VT-1 tubes made no difference in the frequency offset issue- they exhibited the same wide TX/RX frequency displacement as any of the other tubes. Re-inserting the 100uH choke again netted the rig with a pleasing 900 Hz offset from TX to RX frequencies when using the loop. As with the substitute tubes, with the 100uH choke in-circuit, changing the value of C6 had little to no effect on offset (there was one operational difference- later).

Applying logic- I think it safe to propose that, since there is no substantial difference in the offset from the original VT-1s to a substitute and that the same filter modification produces essentially the same results, and that this could not be the designer's intent, there is likely an as-yet undiscovered fault in the filter circuit.

I do not intend to chase that issue further. I have learned through unpleasant experience that continuing to "fiddle" with a working system invites disaster.

I define the rig as "working-" making successful, comfortable contacts and easily field portable as was intended. If I keep twiddling I'm going to break some irreplaceable part or blow open a transformer primary, etc. "Don't let "the perfect" be the enemy of "the good," lest you end-up with neither," a wise man once told me. I will concentrate on refurbishing this lovely Battery/Equipment box and mounting a power supply in it.

The operational issue when using the VT-1s: While the VT-1s function, I found these tubes incredibly "noisy." Using the 01As at reduced filament in the amplifier stages, all three VT-1s in the Osc./Detector stage exhibit very high "hash" noise levels. Signals which were easy copy

with the VT-25A or 6AQ5 were buried in
hash noise using the VT-1s.
I'm sure that would not be a problem when working
another BC-9 a couple of miles away, considering
that the loop on my kitchen table has QSOed 250
miles, but the noise buries all but the stronger signals.

The "best working" tube so far when using the loop
is the VT-25A at the low 6.3V filament voltage
(S3 filament switch closed).
Would like to find a less expensive tube that works
as well on the loop (there I go fiddling again).
The triode-connected 6AQ5 is excellent when
using the external tank coil and link- so much so,
I see no reason to search for anything else.

That's where we stand today. Again, my deep
gratitude to all those who have contributed
discussion, ideas and such valuable items
to this project. Our community is awesome.

GL OM ES 73 DE Dave AB5S

From kd5byb at kd5byb.net Sun Mar 19 16:49:22 2017
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sun, 19 Mar 2017 15:49:22 -0500
Subject: [BoatAnchors] Sometimes the problem is simple...
Message-ID: <6c8423fe-d611-e5c5-627a-2f40672cab4@kd5byb.net>

Good afternoon all,

I was testing a radio this afternoon that came with a set of Soviet
TA-56M headphones. The headphones only had sound in the left ear, so I
knew something had to be wrong with the right earpiece.

I started thinking about possible causes - broken cord, bad solder joint
in the headphone can, corroded connection somewhere, etc... Because the
headphone cans have exposed terminals (nice!) I was able to rule out the
cord and noted that I had proper 50 ohms thru the can with no sound.
Well...that's odd...if I have the right resistance, the cord is good,
the connections are good, I don't have any corroded terminals, so I
pondered my next step.

After a few minutes, I decided to unscrew the cover from the right can.
A HA! There's no metal diaphragm in it! So of course, it had
continuity and the right resistance. :) I figured it was going to be

something complicated. ;)

So using the diaphragm from the left can as a pattern, I cut a replacement out of a bottom of a tuna can. Oddly, it was the same 0.2mm thickness as the original left diaphragm. Installed it and ta da! Checking with the meter causes noise in both ears now. :)

I often have to remind myself not to over-complicate troubleshooting!

thanks much,
ben

From gumbear at pacbell.net Sun Mar 19 19:47:17 2017
From: gumbear at pacbell.net (Arden Allen)
Date: Sun, 19 Mar 2017 16:47:17 -0700
Subject: [BoatAnchors] Sometimes the problem is simple...
In-Reply-To: <6c8423fe-d611-e5c5-627a-2f40672cab4@kd5byb.net>
References: <6c8423fe-d611-e5c5-627a-2f40672cab4@kd5byb.net>
Message-ID: <8AF6E7B062D642B38E90A7071908F7F3@Lenovo>

> I cut a replacement out of a bottom of a tuna can.

Why else do they call headphones cans?

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From galasphere at telus.net Mon Mar 20 22:46:59 2017
From: galasphere at telus.net (BoatAnchors)
Date: Tue, 21 Mar 2017 02:46:59 +0000
Subject: [BoatAnchors] =?utf-8?q?is_that_what_you_are_looking_for=3F?=
Message-ID: <1036902097.20170321054659@telus.net>

Greetings!

I've just found a couple of things that seem to be the things you are looking for, please check this out <http://prominent.employmentlitigationattorney.com/9e9f>

Later, BoatAnchors

From dave at horsfall.org Mon Mar 20 23:09:42 2017
From: dave at horsfall.org (Dave Horsfall)
Date: Tue, 21 Mar 2017 14:09:42 +1100 (EST)
Subject: [BoatAnchors] is that what you are looking for?
In-Reply-To: <1036902097.20170321054659@telus.net>
References: <1036902097.20170321054659@telus.net>
Message-ID: <alpine.BSF.2.20.1703211408260.63087@aneurin.horsfall.org>

On Tue, 21 Mar 2017, BoatAnchors via BoatAnchors wrote:

> Greetings!
>
> I've just found a couple of things that seem to be the things you are
> looking for, please check this out
> <http://prominent.employmentlitigationattorney.com/9e9f>
>
> Later, BoatAnchors

Why do I get the impression that this is spam? I ain't about to visit the site...

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From arc5 at ix.netcom.com Tue Mar 21 19:40:02 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Tue, 21 Mar 2017 18:40:02 -0500
Subject: [BoatAnchors] RME-45 Tips
Message-ID: <68A3EE2C49D94A9FADAE794360EB96EC@DaddyPC>

One of our members wrote me about his RME-45 project, asking about things to look at. I'm copying this here for general information and in hopes others who have revived an RME-45 can help him with "hints and kinks."
73 Dave S.

1. Did you find a way to get at the caps and resistors around the converter socket (7J7). Looking at it quickly, they look completely inaccessible.

Most of the cap changes were done when I got this rig. There were some errors I had to fix.
Photos of 7J7 base:

<https://goo.gl/photos/RrYBwdNKuVqfH8r6A>
<https://goo.gl/photos/vCeKJ5Xgf43UAsNE9>

At the base of that tube, I replaced one cap.
The other and resistors were still good.
I pulled the BFO shaft and used a thin
iron for the work.

2. Do you have any helpful hints?
Get the correct manual for your version of
the set. It's way helpful.

Carefully go inch-by-inch, top and bottom
and address every ground point you can
find. Give screws a little "tweak." Make
sure solder joints are good. Yes; it's very
tedious and if you do it right, it will take
a day at least. And it will pay you
excellent dividends. As time goes on,
I am finding more and more Hi-Z ground
points in boatanchors that cause baskets
full of problems.

Do not attempt to un-solder anything from
the band switch. I promise- you will break
it and you will be unhappy with your new
"parts" radio. Clip the leads and solder to them.

As-designed, the B+ is way too high. This
one was like 360 Volts IIRC. It caused an
insulation failure in a RCA jack in the middle of
the chassis that had B+ on it.

Photo:

<https://goo.gl/photos/N9GjucLJBQzGc7MX8>
I removed the wire since I didn't use the jack.
But there's more phonolic in the set with B+
on it. My solution was to remove one side
of the B+ winding from the 80 rectifier and
tie the two 80 plates together, changing
it from a full-wave to a half-wave rectifier.
This dropped the B+ to about 225 Volts.
The transformer seems happy with it.
Set performance did not suffer and no
noticable hum in the audio.

The audio volume knob is also the "noise
blanker" control. You pull and push
the knob to operate the Noise Blanker.

The blanker actually works fairly well, though it does reduce audio level and narrows the response. But the "Normal" position is with the knob OUT, and I'm forevermore bumping the thing. I'm going to eventually find a way to turn that around.

One of the reasons they built a pre-selector for the rig is that it has a bit of an image problem above about 12 MC. Hasn't bothered me much. The rig is very nice for SWLing and AM phone. A bit drifty on the high end but settles fairly well after some time.

The dual tuning mechanicals have a problem with wear to the gears that makes tuning on the high bands "tricky" if you're afflicted with it, and I am. One of the guys said there's a "trick" you can do, turning one of the gears around to engage an un-worn area of the shaft. I haven't attempted that yet since I'm not trying to get DXCC with it, just listen casually to AM and SWL. I got the matching speaker at a local auction and like the way the set looks and sounds.

<https://goo.gl/photos/LbSaKwnLPHHmpjqz6>

I didn't have to touch the crystal filter, and I'm glad. I'd probably have munged it. It works pretty well. I was impressed.

You might want to put a couple of diodes across the meter to protect it. You aren't likely to find a replacement.

Align carefully according to the manual, but don't expect the big bandspread inner dial to match exactly. They almost never do, especially if your tuning gears have the wear noted above. It's never going to be an Icom.

The sloooooow tuning can be a little annoying, but you'll appreciate it on the higher bands. Sensitivity on higher bands is much better than a Hally-Scratchers or Hammer-Head.

Off/On switch being on the TONE control is kinda odd. TONE does work well.

If it doesn't come with a fuse holder in the transformer primary, I'd put one there. Mine had one already. Haven't looked at the value but probably something like a 2 or 3 Amp slo-blow.

From wb3fau55 at neo.rr.com Wed Mar 22 10:13:21 2017
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Wed, 22 Mar 2017 10:13:21 -0400
Subject: [BoatAnchors] Hammarlund SP-600
Message-ID: <20170322141321.7V1HI.249943.root@cdptpa-web05>

Folks, I am looking for a SP-600 project. Cabinet OK, but not needed. Needs to be complete. Very heavy, so no shipping. I could make the trip to come get it, or maybe meet me halfway?

Email me direct- wb3fau55 at neo.rr.com Russ.

From anchor at ec.rr.com Wed Mar 22 11:10:30 2017
From: anchor at ec.rr.com (Al Parker)
Date: Wed, 22 Mar 2017 11:10:30 -0400
Subject: [BoatAnchors] [Hammarlund] SP-600
In-Reply-To: <20170322140835.YISBV.249831.root@cdptpa-web05>
References: <20170322140835.YISBV.249831.root@cdptpa-web05>
Message-ID: <9b8d497d-56a3-0b53-211f-d6ab2395e4f1@ec.rr.com>

Hi Russ,

I have 2 or 3 of them available, will get you some pix & info this PM if you'd like. Price range \$200-250 plus shipping.

73,

Al, W8UT
www.boatanchors.org
www.hammarlund.info

"There is nothing -- absolutely nothing -- half so much worth doing as simply messing about in boats"
Ratty, to Mole

On 3/22/2017 10:08 AM, wb3fau55 at neo.rr.com wrote:
> Folks, I am looking for a project SP-600. Needs to be complete and good mechanics. My QTH is Erie Pa.
> Message here or direct to me. wb3fau55 at neo.rr.com
> Russ.

From rbsingl at ilstu.edu Wed Mar 22 14:03:19 2017
From: rbsingl at ilstu.edu (Singley, Rodger)
Date: Wed, 22 Mar 2017 18:03:19 +0000
Subject: [BoatAnchors] RME-45 Tips
In-Reply-To: <68A3EE2C49D94A9FADAE794360EB96EC@DaddyPC>
References: <68A3EE2C49D94A9FADAE794360EB96EC@DaddyPC>
Message-ID:
<MWHPR03MB27522BA39A75F2A8428DAA22B83C0@MWHPR03MB2752.namprd03.prod.outlook.com>

I have gone through a couple of these receivers. The B+ is on the high side with this receiver and was around 320 volts as designed, higher line voltages will of course push it higher. I am surprised that the VR tube is still functional with that large of a drop in B+ from the initial design value brought about by reconfiguring as a half-wave rectifier. If you have high line voltage a bucking transformer is another solution or you could reduce the value of the input filter capacitor a bit with an increase in the output filter capacitor if needed to offset hum. With any significant changes I would check the VR tube current limiting resistor to see if the value needs to be changed to maintain proper regulation without excessive VR tube current flow under lighter B+ loading.

The various insulators in the receiver should have no issue at this voltage range but over time there was probably buildup from dust and some sort of switch cleaner/lubricant which does lead to the buildup of conductive paths. The biggest advantage of reducing B+ will be some decrease in heating coupled with an increase in stability.

The variable capacitors used in most RME receivers are of dubious quality and for best mechanical and thermal stability some care is needed. Fully mesh the capacitor and then remove the thrust bearing for proper cleaning and lubrication. Reinstall it with enough preload to perfectly center the rotor plates between the stator plates, look down from above to avoid parallax error when doing this step. Because these aren't the highest quality parts it is common to find that perfect for one section isn't perfect for all and in that case the oscillator section is the most critical so use it for setting the thrust bearing. Proper centering of this is important for best frequency stability. Of course also lubricate the front ball bearings and make sure that the wiper contacts are clean.

RME put the line bypass capacitors directly on the power transformer terminals under a cover. Make sure to replace these with modern line rated types. One of my RME 45 receivers had the insulating paper on the transformer charred after one of the bypass capacitors went up in flames prior to my acquiring it.

It is not unusual to find there is way too much tension on the anti-backlash springs in the split gear train and when this was done excess wear occurs; the most common point is the small gear on the tuning control shaft and I had to shim one of mine to move the worn portion out of engagement. When I did this I also

reduced the anti-backlash tension to two teeth of engagement which is sufficient and reduces further wear. RME seemed to have an issue with dial drive mechanisms, note the problems with the later RME-4300/4350 series ball reduction drive system.

Loctal sockets are the most fragile sockets I have found and seem to be even more prone to damage and wear than the acorn tube types. Fortunately bad contacts are easily replaced with the socket still in place and in most radios using these tubes there will be some unused contacts on other sockets in the radio which can easily be transferred to the damaged position. If you find an intermittent tube socket that doesn't respond to cleaning you will probably have to replace the socket. I have done this on several RME sets and also my two Pierson KP-81 receivers which also use a large number of loctal tubes.

Noticeable audio distortion on AM may be due to the noise limiter which was added to later RME-45 production and all RME-45B receivers via a push/pull switch ganged with the audio gain control. This control isn't labeled so an owner may not be aware of it being on AND the switch contacts often need cleaning.

I live about 25 miles from the original RME factory site so a lot of RME stuff showed up at hamfests around here. I have most of the stuff RME made ranging from an early RME-9D through a couple of RME-6900 receivers along with one that was apparently a prototype leading to the RME-99. My favorite is a RME-70 with the preselector built in and I have it paired with a Hallicrafters HT-9 which is the polar opposite of a compact station. They made some interesting, some great, and some not so great gear over the company history and in that I guess they are like most companies.

Rodger WQ9E

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at theporch.com] On Behalf Of David Stinson via BoatAnchors

Sent: Tuesday, March 21, 2017 6:40 PM

To: boatanchors at mailman.qth.net

Subject: [BoatAnchors] RME-45 Tips

From gumbear at pacbell.net Wed Mar 22 15:17:07 2017

From: gumbear at pacbell.net (Arden Allen)

Date: Wed, 22 Mar 2017 12:17:07 -0700

Subject: [BoatAnchors] RME-45 Tips

In-Reply-To:

<MWHPR03MB27522BA39A75F2A8428DAA22B83C0@MWHPR03MB2752.namprd03.prod.outlook.com>

References: <68A3EE2C49D94A9FADAE794360EB96EC@DaddyPC>

<MWHPR03MB27522BA39A75F2A8428DAA22B83C0@MWHPR03MB2752.namprd03.prod.outlook.com>

Message-ID: <06A4B0689A7345568B38750DDCD66E17@Polywell>

>The various insulators in the receiver should have no issue at
> this voltage range but over time there was probably buildup from dust and
> some sort of switch cleaner/lubricant which does lead to the buildup of
> conductive paths.

I think, Roger, this misstates the issue. Lubricants, including contact cleaner lubricants, used in electronics are good insulators. What happens is *not* a failure of aged lubricant and dust accumulation. Failure is a result of the burning, i.e., oxidation, of both lubricant and insulation, if not accompanied by other forms of contamination such as corrosion products from moisture condensate. Heat is the killer. Everything gets carbonized until the combination becomes a carbon resistor of decreasing resistance. Leakage current contributes heating along narrow paths. When that state occurs the best remedy is replacement of the insulator. I think we are talking about phenolic based tie point strips with attached high heat dissipation resistors. Such a condition occurring in a phenolic switch wafer requires a more imaginative remedy, obviously. Scrubbing the insulation and application of new lubricant may forestall breakdown for some time. A leakage check with a Sprague TO-x would be a good way to determine if cleaning is a permanent solution. Disassembling components to do would be a start to replacing the insulator as a result.

Arden Allen, KB6NAX

Heaven goes by favor. If it went by merit,
you would stay out and your dog would go in.
-Mark Twain

From nbroline at austin.rr.com Fri Mar 24 16:05:31 2017
From: nbroline at austin.rr.com (Nick Broline)
Date: Fri, 24 Mar 2017 15:05:31 -0500
Subject: [BoatAnchors] Regen HF receivers useful? (long)
Message-ID: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>

I have coached a new HS graduate through his Extra. He is now going to Cornell, but hasn't lost his passion and excitement for ham radio. Now he wants to build his own receiver. While he is capable and savvy in solid state and tube designs at the theory level, and we have reviewed many possible receiver architectures, he wants to build a breadboard regen receiver from scratch using TUBES. He says, "I want to see the filaments burning!"

(I built my first regen radio when I was 5 years old.....couldn't read the writin' but sure could read the pictures! My first REAL receiver was a

precious RAL It left me with a deep affection for the regens.

We are considering cooperatively designing one that is reminiscent of the National SW-3 and its variants. While the SW-3 looks to be plain Jane, but reading the historical development and evolution of the receiver gives us great insight into stage isolation, shielding, and elimination of hand capacity and antenna effects. This one will also have an audio power amp to drive a speaker.

Now...the question for you.....is the SW-3 a credible radio for this young man? I'd like to hear from you who have actually USED an SW-3 (in any of its variants or clones). How credible it is AS A REGEN RECEIVER on, say, 80 or 40m, in the daytime and night, SSB, AM and CW? Can it be used for short wave broadcasting? I am aware of all the shortfalls of ALL regen receivers with this architecture, so you don't have to go through all the woes of selectivity, dynamic range, non-single signal detection, and the whole litany of limited performance issues. Those are negatives, and I would like to hear how bad they are, but I would like to hear of your positive experiences.

If you think following the SW-3 architecture is a dead end, and not worth the effort, let me know! If you think it has some credibility, especially for the first hands-on radio, for sure let me hear from you!
Thanks in advance

73
Nick Broline W5FUA
512 924-7126

We shall not cease from exploration
And at the end of exploring
Will be to arrive where we started
And know the place for the first time.
T.S. Eliot--"Little Gidding"

From rbsingl at ilstu.edu Fri Mar 24 19:55:37 2017
From: rbsingl at ilstu.edu (Singley, Rodger)
Date: Fri, 24 Mar 2017 23:55:37 +0000
Subject: [BoatAnchors] Regen HF receivers useful? (long)
In-Reply-To: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>
References: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>
Message-ID:
<MWHPR03MB2752D37017F8FA81A0B0DD8CB83E0@MWHPR03MB2752.namprd03.prod.outlook.com>

Nick,

I have a couple of versions of the SW-3 and they are very competent for CW on 160, 80, and 40 meters although at times an external audio filter helps a lot. With a regen most people find it easier to separate CW signals if you tune for a slightly lower beat note than you are used to with modern superhets since usually our "brain filter" does a better job with signals tuned that way.

For AM a lot depends upon the signal strength because as you increase regeneration and gain the selectivity also gets much sharper and for weaker signals it can be unpleasant. A SW3 would be well down on my list for SSB reception but you will be able to demodulate SSB with it via careful tuning (and frequent retuning). The SW3 is better than some of the really simple regen sets but pales when compared with what I consider to be the best regen set, a military RAL designed in the late 30's and seeing service through WWII. I have it and its low frequency RAK counterpart and it is impressive.

The late Bruce Vaughan NR5Q wrote a series of articles in Electric Radio about building regens and he clearly made the point that there is a learning curve for both building and operating these sets. For someone serious about building regen sets his ER articles along with some of the classics from the early years of QST are highly recommended reading. The Doerle sets also attracted a lot of builder's attention in the 30s and information about those can be found on the web and in 1930s era electronics magazines available for free download at the excellent American Radio History site: <http://americanradiohistory.com/> Some of the Doerle inspired variants added an RF stage prior to the regenerative detector.

Regens are quite impressive in how well a very simple circuit can perform and under reasonable conditions they work very well but I am not sure how discouraging ongoing operation of one might become for a newcomer to ham radio. The SW3 is a big step up from the cheap regens of the 50s/60s and its RF stage definitely addresses some of the major shortcomings of the regen type set. In addition to the RAK/RAL setup I have a couple of Sargent regenerative receivers from the 1930s that were largely aimed at the seagoing market and these sets also perform very well though not up to RAL performance. On the other hand the first shortwave radio I owned was a very simple and cheap kit built Radio Shack Science Fair "Globe Patrol" which is a solid state detector plus two audio stage set and I had a lot of fun and heard a lot with it when I was a kid.

Rodger WQ9E

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at theporch.com] On Behalf Of Nick Broline via BoatAnchors

Sent: Friday, March 24, 2017 3:06 PM

To: boatanchors at theporch.com

Subject: [BoatAnchors] Regen HF receivers useful? (long)

From bluegrassdakine at hotmail.com Fri Mar 24 21:00:24 2017
From: bluegrassdakine at hotmail.com (Raymond Cote)
Date: Sat, 25 Mar 2017 01:00:24 +0000
Subject: [BoatAnchors] Regen HF receivers useful? (long)
In-Reply-To:
<MWHPR03MB2752D37017F8FA81A0B0DD8CB83E0@MWHPR03MB2752.namprd03.prod.outlook.com>
References: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>,
<MWHPR03MB2752D37017F8FA81A0B0DD8CB83E0@MWHPR03MB2752.namprd03.prod.outlook.com>
Message-ID:
<DM5PR04MB0315B986C7854382AD43E6E6A9310@DM5PR04MB0315.namprd04.prod.outlook.com>

Wish i would have kept my SW-3 now that i am licensed and can use it in my sparse abode. I sold it about 15 years ago to someone on the BA list. Hope it is being used as it was designed.

Sent using Jedi Mind Trick!!

On Mar 24, 2017, at 18:55, Singley, Rodger via BoatAnchors <boatanchors at theporch.commailto:boatanchors at theporch.com>> wrote:

Nick,

I have a couple of versions of the SW-3 and they are very competent for CW on 160, 80, and 40 meters although at times an external audio filter helps a lot. With a regen most people find it easier to separate CW signals if you tune for a slightly lower beat note than you are used to with modern superhets since usually our "brain filter" does a better job with signals tuned that way.

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Rodger WQ9E

-----Original Message-----

From: BoatAnchors [mailto:boatanchors-bounces at theporch.com] On Behalf Of Nick Broline via BoatAnchors

Sent: Friday, March 24, 2017 3:06 PM

To: boatanchors at theporch.com<mailto:boatanchors at theporch.com>

Subject: [BoatAnchors] Regen HF receivers useful? (long)

BoatAnchors mailing list

BoatAnchors at theporch.com<mailto:BoatAnchors at theporch.com>

<https://theporch.com/mailman/listinfo/boatanchors>

From navy.radio at gmail.com Fri Mar 24 21:06:04 2017

From: navy.radio at gmail.com (Nick England)

Date: Fri, 24 Mar 2017 21:06:04 -0400

Subject: [BoatAnchors] CC-AWA Flea Market photos - Charlotte NC

Message-ID: <CAB55hNf1-7cT+muT-4my-zd+e26iWkRhW_JMCv7q4TRcojrGWg@mail.gmail.com>

Carolinas Chapter of the Antique Wireless Assoc. always has a great spring meet. A lot of interesting ham boatanchors show up in addition to tons of antique wireless gear.

photos from this year at

<http://www.virhistory.com/ham/clt-awa-17.htm>

The meet also features interesting talks, a contest, and auction.

Cheers,

Nick England K4NYW

www.navy-radio.com

From w4rl at bellsouth.net Fri Mar 24 21:19:54 2017

From: w4rl at bellsouth.net (Robert)
Date: Fri, 24 Mar 2017 20:19:54 -0500
Subject: [BoatAnchors] CC-AWA Flea Market photos - Charlotte NC
In-Reply-To: <CAB55hNf1-7cT+muT-4my-zd+e26iWkRhw_JMCv7q4TRcojrGWg@mail.gmail.com>
References: <CAB55hNf1-7cT+muT-4my-zd+e26iWkRhw_JMCv7q4TRcojrGWg@mail.gmail.com>
Message-ID: <58D5C5BA.70400@bellsouth.net>

Thanks, Admiral Nick as always.

Robert W4RL

On 3/24/2017 8:06 PM, Nick England via BoatAnchors wrote:
> Carolinas Chapter of the Antique Wireless Assoc. always has a great spring
> meet. A lot of interesting ham boatanchors show up in addition to tons of
> antique wireless gear.
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> <http://www.virhistory.com/ham/clt-awa-17.htm>
>
> The meet also features interesting talks, a contest, and auction.
>
> Cheers,
> Nick England K4NYW
> www.navy-radio.com
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://theporch.com/mailman/listinfo/boatanchors>
>

From arc5 at ix.netcom.com Fri Mar 24 22:28:46 2017
From: arc5 at ix.netcom.com (David Stinson)
Date: Fri, 24 Mar 2017 21:28:46 -0500
Subject: [BoatAnchors] CC-AWA Flea Market photos - Charlotte NC
In-Reply-To: <CAB55hNf1-7cT+muT-4my-zd+e26iWkRhw_JMCv7q4TRcojrGWg@mail.gmail.com>
References: <CAB55hNf1-7cT+muT-4my-zd+e26iWkRhw_JMCv7q4TRcojrGWg@mail.gmail.com>
Message-ID: <4AF36D7E19CB419280C8B34962F456AB@DaddyPC>

Your "fest" photos are always a treat, Nick.
Thank you!

From charlesmorris800 at centurytel.net Fri Mar 24 22:29:42 2017
From: charlesmorris800 at centurytel.net (Charles Morris)
Date: Fri, 24 Mar 2017 21:29:42 -0500
Subject: [BoatAnchors] Source for right-angle banana plugs?

Message-ID: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>

I'm trying to find some of the old red/black right angle banana plugs, that my Triplet 630 meters use. All that seems to be out there now is complete test lead sets and they mostly have shrouded ?safety? plugs which don't fit without cutting up the plastic. The best safety as far as I'm concerned is not touching anything hot to begin with. Those annoying alligator clip shrouds have caused me no end of fumbling where a bare one would have just clipped on where I want it to go.

The original ones were molded onto the rubber wire at the factory, but there was a replacement version with two halves held together with a tiny screw and nut. Can't locate them anywhere.

Any thoughts?

thanks

Charles

--

I am using the free version of SPAMfighter.

SPAMfighter has removed 2570 of my spam emails to date.

Get the free SPAMfighter here: <http://www.spamfighter.com/len>

Do you have a slow PC? Try a Free scan

<http://www.spamfighter.com/SLOW-PCfighter?cid=sigen>

From knjhanlon at msn.com Sat Mar 25 14:15:15 2017

From: knjhanlon at msn.com (JAMES HANLON)

Date: Sat, 25 Mar 2017 18:15:15 +0000

Subject: [BoatAnchors] Regen HF receivers useful? (long)

In-Reply-To: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>

References: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>

Message-ID:

<MWHPR2001MB16966222682127433F1CAAA9A0310@MWHPR2001MB1696.namprd20.prod.outlook.com>

Nick,

I've had an SW-3 for more than 30 years at this point. I use it regularly on the Classic Exchange, mostly for CW contacts on 80 and 40, but also on 40 meter AM. It can be adjusted to copy SSB signals as well. It takes a little patience and adjustment now and then, but it works amazingly well. I have bandspread coils for 160, 80, 40, 30 and 20 meters. On 20 it's a little more touchy, but it still can do a very decent job. Sensitivity is quite good, it can easily hear the antenna noise on all bands. Stability is good; with my home-brew VR regulated supply it does not drift. Selectivity is, of course, only what I have between my own ears.

In comparison to a Heathkit GR-81 which I have also tried to use, the Heathkit is a toy while the SW-3 is a competent, basic communications receiver.

The SW-3 was used successfully by the Byrd expeditions to the Antarctic in the 1930s - Byrd himself had one with him when he spent five winter months in 1934 at an isolated "Advanced Base" meteorological station. The SW-3 plus a companion transmitter were his links to the outside world.

It looks like you have the James Millen article on shielding and the SW-3. It contains some good information. Let us know how your student does, and whether he needs any information on winding coils.

73,

Jim, W8KGI

From: Nick Broline <nbroline at austin.rr.com>
Sent: Friday, March 24, 2017 2:05 PM
To: boatanchors at theporch.com
Subject: [BoatAnchors] Regen HF receivers useful? (long)

I have coached a new HS graduate through his Extra. He is now going to Cornell, but hasn't lost his passion and excitement for ham radio. Now he wants to build his own receiver. While he is capable and savvy in solid state and tube designs at the theory level, and we have reviewed many possible receiver architectures, he wants to build a breadboard regen receiver from scratch using TUBES. He says, "I want to see the filaments burning!"

(I built my first regen radio when I was 5 years old.....couldn't read the writin' but sure could read the pictures! My first REAL receiver was a precious RAL It left me with a deep affection for the regens.

We are considering cooperatively designing one that is reminiscent of the National SW-3 and its variants. While the SW-3 looks to be plain Jane, but reading the historical development and evolution of the receiver gives us great insight into stage isolation, shielding, and elimination of hand capacity and antenna effects. This one will also have an audio power amp to drive a speaker.

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variants or clones). How credible it is AS A REGEN RECEIVER on, say, 80 or 40m, in the daytime and night, SSB, AM and CW? Can it be used for short wave broadcasting? I am aware of all the shortfalls of ALL regen receivers with this architecture, so you don't have to go through all the woes of selectivity, dynamic range, non-single signal detection, and the whole litany of limited performance issues. Those are negatives, and I would like to hear how bad they are, but I would like to hear of your positive experiences.

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Thanks in advance

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Nick Broline W5FUA
512 924-7126

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Will be to arrive where we started
And know the place for the first time.
T.S. Eliot--"Little Gidding"

From 1oldlens1 at ix.netcom.com Sat Mar 25 14:30:41 2017
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Sat, 25 Mar 2017 11:30:41 -0700
Subject: [BoatAnchors] Source for right-angle banana plugs?
In-Reply-To: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>
References: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>
Message-ID: <ce5014ba-e657-45d3-e4f6-a4875c035c69@ix.netcom.com>

I got replacements for my Triplet and also for a Tek DMM from All Electronics. I think Fry's may also have them. These are complete test leads. Its possible the right angle plugs may be available. Did you do a Google search for them?

On 3/24/2017 7:29 PM, Charles Morris via BoatAnchors wrote:
> I'm trying to find some of the old red/black right angle banana plugs,
> that my Triplet 630 meters use. All that seems to be out there now is
> complete test lead sets and they mostly have shrouded ?safety? plugs which
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> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://theporch.com/mailman/listinfo/boatanchors>
>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From thompson at mindspring.com Sat Mar 25 17:54:23 2017
From: thompson at mindspring.com (Dave Thompson)
Date: Sat, 25 Mar 2017 17:54:23 -0400 (GMT-04:00)
Subject: [BoatAnchors] CC-AWA Flea Market photos - Charlotte NC
Message-ID: <32484266.8854.1490478863411@elwamui-rubis.atl.sa.earthlink.net>

Date: Mar 25, 2017 12:13 PM

Great pictures. That SS-75 is very rare. Sold by Steinway s in Cincy (Marty AA4RM would be proud). Based on the sideband transmitter in an early GE Ham news and the unit was actually made by Elenco (W90HM SK) Not to be confused by the modern Elenco who makes test gear. There is a big brother of the SS-75 in the K90C0 book (the Elenco 77). This one was owned by me at one time. I think K5LYN was trying to refurbish an SS-75 a couple of years ago.

73 Dave K4JRB

From mxc04040 at nifty.ne.jp Sat Mar 25 21:27:15 2017
From: mxc04040 at nifty.ne.jp (Katsuhiko Hirai)
Date: Sun, 26 Mar 2017 10:27:15 +0900
Subject: [BoatAnchors] Source for right-angle banana plugs?
In-Reply-To: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>
References: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>
Message-ID: <20170326102715.099E.4E50566@nifty.ne.jp>

Hi! Charles, and listed all member

Good evening to you from Japan.
I appreciate many nice talks of radio.

Though there are many parts-shops anywhere,
I checked one of parts-shop in Yokohama through the internet web, as following
url:
<http://www.maroon.dti.ne.jp/satodenki/otr.html>

I found several kinds of red/black banana plugs as following list, as examples:
1) the set with IC clip, cable and banana plug.....parts ID= TLA103
2) the set with bagworm clip, cable and banana plug
3) the banana plugs.....shop's parts ID= TJ560
4) the mini-banana plugs.....shop's parts ID= TJ3A
5) the banana plugs (L type)
6) the banana plugs (gold color, crimp contact).....mnfc's parts ID= P-421-5(E)
7) the banana plugs (gold color, screw clamp).....mnfc's parts ID= 2503G
8) the banana plugs (gold color, screw clamp, made in Taiwan)
9) the banana plugs (screw nut clamp, made in China)..mnfc's parts ID= 2045
10) the set with tester rod, cable and banana plug
11) the tester rod and proper cable

Though I can't confirm the connectability to Triplet 630,
you will be able to select several options like the above.

If you need any supports, I will do my best.

Have a joyful hobby in weekend,
Best regards,
Katsuhiko Hirai/ JA3ECA, exN8EYH
Ikoma city, Nara (ancient MAHORIBA of Japan)

On Fri, 24 Mar 2017 21:29:42 -0500
Charles Morris via BoatAnchors <boatanchors at theporch.com> san wrote:

> I'm trying to find some of the old red/black right angle banana plugs,

> that my Triplet 630 meters use. All that seems to be out there now is
> complete test lead sets and they mostly have shrouded ?safety? plugs which
> don?t fit without cutting up the plastic. The best safety as far as I?m
> concerned is not touching anything hot to begin with. Those annoying
> alligator clip shrouds have caused me no end of fumbling where a bare one
> would have just clipped on where I want it to go.
>
> The original ones were molded onto the rubber wire at the factory, but
> there was a replacement version with two halves held together with a tiny
> screw and nut. Can?t locate them anywhere.
> Any thoughts?
> thanks
> Charles
>
>
> --
> I am using the free version of SPAMfighter.
> SPAMfighter has removed 2570 of my spam emails to date.
> Get the free SPAMfighter here: <http://www.spamfighter.com/len>
>
> Do you have a slow PC? Try a Free scan
> <http://www.spamfighter.com/SLOW-PCfighter?cid=sigen>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://theporch.com/mailman/listinfo/boatanchors>

--
???? <mxc04040 at nifty.ne.jp>

From gumbear at pacbell.net Sun Mar 26 00:07:50 2017
From: gumbear at pacbell.net (Arden Allen)
Date: Sat, 25 Mar 2017 21:07:50 -0700
Subject: [BoatAnchors] Source for right-angle banana plugs?
In-Reply-To: <20170326102715.099E.4E50566@nifty.ne.jp>
References: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>
<20170326102715.099E.4E50566@nifty.ne.jp>
Message-ID: <20BEF291CB124B27ABE7D5407E4581B3@Lenovo>

Hi, Katsuhiko,

Here in the US I typed "right angle banana plug" into eBay search and received many listings for right angle banana plug adapters. They have no safety shroud because they are intended for use with audio amplifiers and not test equipment. They are made in China and you are probably familiar with the products. I'd expect they would adapt to use with Simpson and

Triplett VOM's without problem except for the fact there is a lot of exposed metal making them unsafe for voltage measurements over 30 VDC. I use the modern plugs designed for test equipment and trim off the shroud for use with my older meters.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

.....

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Though I can't confirm the connectability to Triplett 630,
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Best regards,
Katsuhiko Hirai/ JA3ECA, exN8EYH
Ikoma city, Nara (ancient MAHORIBA of Japan)

.....

From mxc04040 at nifty.ne.jp Sun Mar 26 01:35:08 2017
From: mxc04040 at nifty.ne.jp (Katsuhiko Hirai)
Date: Sun, 26 Mar 2017 14:35:08 +0900
Subject: [BoatAnchors] Source for right-angle banana plugs?
In-Reply-To: <20BEF291CB124B27ABE7D5407E4581B3@Lenovo>
References: <20170326102715.099E.4E50566@nifty.ne.jp>
<20BEF291CB124B27ABE7D5407E4581B3@Lenovo>
Message-ID: <20170326143507.A286.4E50566@nifty.ne.jp>

Dear Arden, KB6NAX

Good evening to you from Japan.
I appreciate your kindly advise.
I understand the physical figure to make us safe.
I suppose that my recommended '5) the banana plugs (L type to be bent)' will be the one which is safe to be free from touching the active banana rod.
Because the plastic mold to coat the dangerous rod.
Then Charles might be convenient surely.

By the way,
Today, through Japanese auction market,
I got an old textbook to learn the theory and application of the vacuum electronic tube, one of that I used to read in my young days around 1960s.
Because I forgot almost all basic theory and behavior of function for each element.
I'm going to start again to study the tube engineering, in order to replicate BC-9-A
transceiver by another later version of tubes, like pentode tube for stable oscillation,
even though my brain cells reduced functionalities from pentode to triode ;)
I appreciate a nice introduction of BC-9-A by David Stinson-san.

Have a nice new weekend,
Best regards,
Katsuhiko

On Sat, 25 Mar 2017 21:07:50 -0700
"Arden Allen" <gumbear at pacbell.net> san wrote:

> Hi, Katsuhiko,
>
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> Arden Allen
> KB6NAX
>
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> We can judge the heart of a man by
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> ?Immanuel Kant
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> Best regards,
> Katsuhiko Hirai/ JA3ECA, exN8EYH
> Ikoma city, Nara (ancient MAHOROBA of Japan)
>
>

--

???? <mxc04040 at nifty.ne.jp>

From landn2 at frontier.com Mon Mar 27 00:11:46 2017

From: landn2 at frontier.com (login.frontier.com)

Date: Sun, 26 Mar 2017 21:11:46 -0700

Subject: [BoatAnchors] Regen HF receivers useful? (long)

In-Reply-To:

<MWHPR2001MB16966222682127433F1CAAA9A0310@MWHPR2001MB1696.namprd20.prod.outlook.com>

References: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>

<MWHPR2001MB16966222682127433F1CAAA9A0310@MWHPR2001MB1696.namprd20.prod.outlook.com>

Message-ID: <FB1BF037-0C00-4DD2-A58C-4A4DD1326679@frontier.com>

Good evening Everybody,

Nick, many thanks for taking the time to work with your young friend!! We need more people to get the younger generation interested in the old radios that we collect. I have a National SW-5 that I don't listen to near as much as I would like. It had been previously worked on when I got it; and I put it back together as the SW-45 version. I take it to our radio club's (NorthWest Vintage Radio Society?Portland, OR) swap meets and have it playing local stations for most of the day. I tell people about the history of these types of old radios. Your construction project will be interesting and maybe challenging because of the special mechanical and electrical parts that the SW-3 type of radio requires. I am guessing that your audio amp will also have power for the radio. I encourage you in your effort!! You might end up building something like a Pilot Super Wasp just because of the special National parts that the SW-3 type of radio requires. The coils can also be

a challenge.

Jim, I could use winding information for the SW-5 ? Yellow ? coil?the coil that tunes 500 kHz to

900 kHz. I have the correct coil forms and a large spool of really fine green cloth-covered wire.

I was planning to just wind two layers of wire for the secondary, and one-and-a-half layers of

wire for the primary and then see what the coils tune. Also, since my SW-5 uses type 24 tubes

I will use 5 turns for the tickler winding. However, the correct winding information would be a great help.

Everybody have a great week!!

Best regards from Aloha, Oregon,

Liles Garcia

landn2 at frontier.com <mailto:landn2 at frontier.com>

> On Mar 25, 2017, at 11:15 AM, JAMES HANLON via BoatAnchors <boatanchors at theporch.com> wrote:

>

> Nick,

>

>

> I've had an SW-3 for more than 30 years at this point. I use it regularly on the Classic Exchange, mostly for CW contacts on 80 and 40, but also on 40 meter AM. It can be adjusted to copy SSB signals as well. It takes a little patience and adjustment now and then, but it works amazingly well. I have bandspread coils for 160, 80, 40, 30 and 20 meters. On 20 it's a little more touchy, but it still can do a very decent job. Sensitivity is quite good, it can easily hear the antenna noise on all bands. Stability is good; with my home-brew VR regulated supply it does not drift. Selectivity is, of course, only what I have between my own ears. In comparison to a Heathkit GR-81 which I have also tried to use, the Heathkit is a toy while the SW-3 is a competent, basic communications receiver.

>

>

> The SW-3 was used successfully by the Byrd expeditions to the Antarctic in the 1930s - Byrd himself had one with him when he spent five winter months in 1934 at an isolated "Advanced Base" meteorological station. The SW-3 plus a companion transmitter were his links to the outside world.

>

>

> It looks like you have the James Millen article on shielding and the SW-3. It contains some good information. Let us know how your student does, and whether he needs any information on winding coils.

>

>
> 73,
>
>
> Jim, W8KGI
>
>
> -----
> From: Nick Broline <nbroline at austin.rr.com>
> Sent: Friday, March 24, 2017 2:05 PM
> To: boatanchors at theporch.com
> Subject: [BoatAnchors] Regen HF receivers useful? (long)
>
> I have coached a new HS graduate through his Extra. He is now going to
> Cornell, but hasn't lost his passion and excitement for ham radio. Now he
> wants to build his own receiver. While he is capable and savvy in solid
> state and tube designs at the theory level, and we have reviewed many
> possible receiver architectures, he wants to build a breadboard regen
> receiver from scratch using TUBES. He says, " I want to see the filaments
> burning!"
>
> (I built my first regen radio when I was 5 years old.....couldn't read the
> writin' but sure could read the pictures! My first REAL receiver was a
> precious RAL It left me with a deep affection for the regens.
>
> We are considering cooperatively designing one that is reminiscent of the
> National SW-3 and its variants. While the SW-3 looks to be plain Jane, but
> reading the historical development and evolution of the receiver gives us
> great insight into stage isolation, shielding, and elimination of hand
> capacity and antenna effects. This one will also have an audio power amp to
> drive a speaker.
>
> Now...the question for you.....is the SW-3 a credible radio for this young
> man? I'd like to hear from you who have actually USED an SW-3 (in any of it
> variants or clones). How credible it is AS A REGEN RECEIVER on, say, 80 or
> 40m, in the daytime and night, SSB, AM and CW? Can it be used for short wave
> broadcasting? I am aware of all the shortfalls of ALL regen receivers with
> this architecture, so you don't have to go through all the woes of
> selectivity, dynamic range, non-single signal detection, and the whole
> litany of limited performance issues. Those are negatives, and I would like
> to hear how bad they are, but I would like to hear of your positive
> experiences.
>
> If you think following the SW-3 architecture is a dead end, and not worth
> the effort, let me know! If you think it has some credibility, especially
> for the first hands-on radio, for sure let me hear from you!
> Thanks in advance
>

> 73
> Nick Broline W5FUA
> 512 924-7126
>
> We shall not cease from exploration
> And at the end of exploring
> Will be to arrive where we started
> And know the place for the first time.
> T.S. Eliot--"Little Gidding"
>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://theporch.com/mailman/listinfo/boatanchors>

From mxc04040 at nifty.ne.jp Mon Mar 27 06:15:57 2017
From: mxc04040 at nifty.ne.jp (Katsuhiko Hirai)
Date: Mon, 27 Mar 2017 19:15:57 +0900
Subject: [BoatAnchors] Articles In 1930s,
A New Frequency-Stabilized Oscillation System, by Ross Gunn (NRL,
Washington DC)
In-Reply-To: <20170326102715.099E.4E50566@nifty.ne.jp>
References: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>
<20170326102715.099E.4E50566@nifty.ne.jp>
Message-ID: <20170327191557.D9A2.4E50566@nifty.ne.jp>

Dear Listed member,

Good morning and good evening.

Through viewing the functionality of BC-9-A,
I got my idea to replicate it by today's parts in Japan.
However, as I worried about the stable oscillation between the rushed HF band
in Japan, I remember the idea of the phased reversal by the use of two tubes
circuits invented by Mr. Ross Gunn, through his article, as followed abstract:

A New Frequency-Stabilized Oscillator System
By Ross Gunn (Naval Research Laboratory, Washington, D. C.)
Cited from Proceedings of the Institute of Radio Engineers
Volume 18, Number 9, September, 1930
(Signed-in URL: <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=1670767>)
(Abstractor free URL: <http://ieeexplore.ieee.org/document/1670767/>)

Summary --- A new vacuum-tube self-oscillating system having extraordinary

frequency stability is described which depends on the re-entrant circulation of oscillations through tuned filter or coupling units.

The re-entrant circulation through the filter sections attenuates all but a single frequency in a manner analogous to the attenuation produced by a filter system having an infinite number of sections.

The unattenuated component having a single frequency is amplified at each passage through the system and constitutes the single frequency-oscillation.

The methods and necessary precautions for attaining frequency stability are given. Frequency shifts due to ordinary variations of plate potentials, filament current, or keying are found to be of the order of one thousandth of one per cent.

The extreme flexibility of the circuits permit the construction of satisfactory radio transmitters operating from the lowest frequencies up to 20,000 kc without the use of frequency-doubling stages.

The oscillator system has found wide application in commercial and naval aircraft radio communication problems.

Though I'm not sure whether or not his idea is still stable under today's tech., I would like to make sure his rightness soon.

Well, today,

as I completed to download the full text, I'll enjoy to understand his idea.

Ever, I have read the phased double detectors in a single super-regen receiver, around the similar year period, designed by the assistant to the office of Dr. Yagi.

He might be following Gunn's idea, I noticed.

If you have any questions, please let me know.

Have a nice new day,

Best regards,

Katsuhiko Hirai, JA3ECA,

exN8EYH/NCR, Dayton/OH

<mx04040 at nifty.ne.jp>

From wlfuqu00 at uky.edu Mon Mar 27 15:18:09 2017

From: wlfuqu00 at uky.edu (Fuqua, Bill L)

Date: Mon, 27 Mar 2017 19:18:09 +0000

Subject: [BoatAnchors] Articles In 1930s,

A New Frequency-Stabilized Oscillation System, by Ross Gunn (NRL, Washington DC)

In-Reply-To: <20170327191557.D9A2.4E50566@nifty.ne.jp>

References: <E4356B1E25084782B3F10FF0AB1C1AF0@CharlesDellPC>

<20170326102715.099E.4E50566@nifty.ne.jp>,

<20170327191557.D9A2.4E50566@nifty.ne.jp>

Message-ID:

<BY1PR03MB146608CD5DA75D64BE6BFAD0CB330@BY1PR03MB1466.namprd03.prod.outlook.com>

Stability depends on stability of the filter. This is likely early tuning fork resonator oscillator.

Or some other mechanical resonator i.e. filter.

73

Bill wa4lav

From: Katsuhiko Hirai <mxc04040 at nifty.ne.jp>
Sent: Monday, March 27, 2017 6:15 AM
To: BoatAnchors list
Subject: [BoatAnchors] Articles In 1930s, A New Frequency-Stabilized Oscillation System, by Ross Gunn (NRL, Washington DC)

Dear Listed member,

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A New Frequency-Stabilized Oscillator System - IEEE Xplore ...<<http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=1670767>>
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Best regards,

Katsuhiko Hirai, JA3ECA,

exN8EYH/NCR, Dayton/OH

<mx04040 at nifty.ne.jp>

From dean.gagnon at juno.com Tue Mar 28 18:17:20 2017

From: dean.gagnon at juno.com (dean.gagnon at juno.com)

Date: Tue, 28 Mar 2017 22:17:20 GMT

Subject: [BoatAnchors] Knight Kit T-400

Message-ID: <20170328.181720.18703.0@webmail05.vgs.unttd.com>

Opened my 1960 Allied Radio Catalog recently and saw a listing for their Knight-Kit T-400 Deluxe Amateur 400-Watt Transmitter Kit. Can't recall ever seeing one. I wondered if that was one of those rigs that had the marketing material done before

they debugging the design. Has anybody run across a Knight T-400?

Dean
KK1K

Warning: Don't Use Probiotics Before You See This
Gundry MD
<http://thirdpartyoffers.juno.com/TGL3131/58dae156b69aa615667efst03vuc>

From wb3fau55 at neo.rr.com Tue Mar 28 18:35:00 2017
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Tue, 28 Mar 2017 18:35:00 -0400
Subject: [BoatAnchors] Knight Kit T-400
In-Reply-To: <20170328.181720.18703.0@webmail05.vgs.unttd.com>
Message-ID: <20170328223500.VJ94N.74543.root@cdptpa-web17>

Hi Dean, yes, I have seen only the sales info. Never seen one. Only T-150s, T=60s and T-50s. I do not think they actually ever made any...Russ.

---- "dean.gagnon--- via BoatAnchors" <boatanchors at theporch.com> wrote:
> Opened my 1960 Allied Radio Catalog recently and saw a listing for their Knight-Kit T-400 Deluxe Amateur 400-Watt Transmitter Kit. Can't recall ever seeing one. I wondered if that was one of those rigs that had the marketing material done before they debugging the design. Has anybody run across a Knight T-400?

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> KK1K

>

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>

> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://theporch.com/mailman/listinfo/boatanchors>

From rbsingl at ilstu.edu Tue Mar 28 18:37:53 2017
From: rbsingl at ilstu.edu (Singley, Rodger)
Date: Tue, 28 Mar 2017 22:37:53 +0000
Subject: [BoatAnchors] Knight Kit T-400
In-Reply-To: <20170328.181720.18703.0@webmail05.vgs.unttd.com>
References: <20170328.181720.18703.0@webmail05.vgs.unttd.com>
Message-ID:
<MWHPR03MB27523326512197EAF40029CBB8320@MWHPR03MB2752.namprd03.prod.outlook.com>

Dean,

I think it is pretty well accepted that a working version of the rig never existed. I recall reading about one being on display but not as a functional unit. The ability to start with a fairly low cost unit and add additional "modules" sounded like a good idea but I expect the folks at Allied decided pretty quickly that the complexity of this transmitter would create major problems for builders and ultimately for Allied. This would have been far more complex than any other kit in the Knight kit line.

But too bad one never appeared! I also wish Allied would have brought out the matching transmitter for the AX-190 receiver. The AX-190 (and SWL version SX-190) were made for Allied by GRE and oscillator outputs were provided for future use with a matching transmitter. I think these were the best receivers ever to come out of Allied (and for a time Allied/Radio Shack) with good performance and a delightfully smooth tuning system.

Rodger WQ9E

-----Original Message-----

From navy.radio at gmail.com Tue Mar 28 18:52:50 2017
From: navy.radio at gmail.com (Nick England)
Date: Tue, 28 Mar 2017 18:52:50 -0400
Subject: [BoatAnchors] Knight Kit T-400
In-Reply-To: <20170328.181720.18703.0@webmail05.vgs.unttd.com>
References: <20170328.181720.18703.0@webmail05.vgs.unttd.com>
Message-ID: <CAB55hNemUD46o3J=-Tz_36G33wZWGBcwoxUAqedh8kP6i-MbNw@mail.gmail.com>

IIRC, a blurb in 73 mentioned a mock-up/prototype on display at a west coast conference, but I haven't ever heard of a real one. Here's an interesting quote from Ron AC7AC-
"I actually saw one, up close and personal at a special showing in San Bernardino at the Orange County Fairgrounds, but I don't think one was ever delivered to a customer."

There was a vague rumor of one showing up at Dayton 20-25 years ago but it appears that was a "friend-of-a-friend saw one" story. I'd love to be proven wrong and see a photo some day. Extremely ambitious rig!

FWIW my page listing vintage ham equipment kits is at
<http://www.virhistory.com/ham/kits.html>

Nick England K4NYW
www.navy-radio.com

On Tue, Mar 28, 2017 at 6:17 PM, dean.gagnon--- via BoatAnchors <boatanchors at theporch.com> wrote:

> Opened my 1960 Allied Radio Catalog recently and saw a listing for their
> Knight-Kit T-400 Deluxe Amateur 400-Watt Transmitter Kit. Can't recall ever
> seeing one. I wondered if that was one of those rigs that had the marketing
> material done before they debugging the design. Has anybody run across a
> Knight T-400?

>

> Dean

> KK1K

>

> -----
> Warning: Don't Use Probiotics Before You See This

> Gundry MD

> <http://thirdpartyoffers.juno.com/TGL3131/58dae156b69aa615667efst03vuc>

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://theporch.com/mailman/listinfo/boatanchors>

>

From thompson at mindspring.com Tue Mar 28 18:57:19 2017

From: thompson at mindspring.com (Dave Thompson)

Date: Tue, 28 Mar 2017 18:57:19 -0400 (GMT-04:00)

Subject: [BoatAnchors] Knight Kit T-400

Message-ID: <27202447.18466.1490741839679@elwamui-lapwing.atl.sa.earthlink.net>

I agree. If K90C0 does not have one in his great book and N4CH does not have one then the best possible scenario was a prototype was made and that was it. The Eldico 300 was a work in progress that had modules and later a complete unit in a cabinet. This is as close as close as one can get. Too bad neither rig made it like the Heath DX-100 or Viking Ranger.

Dave K4JRB

>

>Dean,

>

>I think it is pretty well accepted that a working version of the rig never existed. I recall reading about one being on display but not as a functional unit. The ability to start with a fairly low cost unit and add additional "modules" sounded like a good idea but I expect the folks at Allied decided pretty quickly that the complexity of this transmitter would create major problems for builders and ultimately for Allied. This would have been far more complex than any other kit in the Knight kit line.

>

>But too bad one never appeared! I also wish Allied would have brought out the matching transmitter for the AX-190 receiver. The AX-190 (and SWL version SX-190)

were made for Allied by GRE and oscillator outputs were provided for future use with a matching transmitter. I think these were the best receivers ever to come out of Allied (and for a time Allied/Radio Shack) with good performance and a delightfully smooth tuning system.

>

>Rodger WQ9E

>

>-----Original Message-----

>

>

>

>-----
>BoatAnchors mailing list

>BoatAnchors at theporch.com

><https://theporch.com/mailman/listinfo/boatanchors>

From arc5 at ix.netcom.com Mon Mar 27 14:04:46 2017

From: arc5 at ix.netcom.com (David Stinson)

Date: Mon, 27 Mar 2017 13:04:46 -0500

Subject: [BoatAnchors] Two Desireable "ARC-5" Items Offered.

Message-ID: <3701499167414E658D537F42419602A2@DaddyPC>

Two desireable "ARC-5" Items Offered

T-16 Transmitter, not NIB but with original box,

<http://www.ebay.com/itm/-/152487844298>

(my old memory failed me. Clean complete with a T-16 box but not "NIB").

SCR-274N Receiver in Unopened, Depot box:

<http://www.ebay.com/itm/152487838120>

Work will keep me from offering anything else until the end of the week. More stuff coming.

Thanks, all.

GL OM ES 73 DE Dave AB5S

From rlloken at telus.net Wed Mar 29 18:32:46 2017

From: rlloken at telus.net (Richard Loken)

Date: Wed, 29 Mar 2017 16:32:46 -0600 (MDT)

Subject: [BoatAnchors] Model 28 Teletypes in Edmonton, Alberta

Message-ID: <alpine.BSF.2.00.1703291627430.63913@discord.bogons>

So, my ex-wife sent my Model 28 R0 and Model 28 ASR (along with a Conn vacuum tube electronic organ) to the landfill yesterday. I am told by

my son that they went to the Eco Station Reuse Area at either the Ambleside or kennedale Eco Station.

So, in the unlikely event that somebody wanting a 28 tty and within travelling distance of Edmonton, Alberta reads this, those items are reported to be there for taking. Oh, and bring a truck and a very strong friend.

--

Richard Loken VE6BSV : "...underneath those tuques we wear,
Athabasca, Alberta Canada : our heads are naked!"
** rlloken at telus.net ** : - Arthur Black

From rlloken at telus.net Wed Mar 29 18:53:43 2017
From: rlloken at telus.net (Richard Loken)
Date: Wed, 29 Mar 2017 16:53:43 -0600 (MDT)
Subject: [BoatAnchors] Model 28 Teletypes in Edmonton, Alberta
In-Reply-To: tMGICFnf3Ms6WtMGJcjzsq
References: tMGICFnf3Ms6WtMGJcjzsq
Message-ID: <alpine.BSF.2.00.1703291652570.63913@discord.bogons>

On Wed, 29 Mar 2017, oldradio at comcast.net wrote:

> Dam shame !

You dam right it is and it is something I should have addressed months ago so that it didn't happen.

--

Richard Loken VE6BSV : "...underneath those tuques we wear,
Athabasca, Alberta Canada : our heads are naked!"
** rlloken at telus.net ** : - Arthur Black

From kb8tad at gmail.com Fri Mar 31 21:16:44 2017
From: kb8tad at gmail.com (Rich Post)
Date: Fri, 31 Mar 2017 21:16:44 -0400
Subject: [BoatAnchors] Regen HF receivers useful? (long)
In-Reply-To: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>
References: <476095B64E8A4C2587D6EF18B151E5CA@newdualath>
Message-ID: <CAEJr0FvpUWJfFvdh_hQ0Fqtj-7BPDh6k9jvU5chMv80MD+y+mA@mail.gmail.com>

Nick,

By all means, the building of a regen is a great learning experience. While I admire my SW-3 and its near timeless design and performance, I would not attempt to clone it given the complexity of the dual sections.

I suggest starting with a simpler design such as the one in the 1937-8 ARRL Handbooks. Here is my homebrew version.

<<http://boatanchorpix.x10host.com/30sRegen.htm>>

The rare audio coupler can be the unloaded primary of a tube audio or 70 volt transformer. The rest of the pieces are easier to find. Pill bottles and dead tube bases make good plug-in coils. A cheap computer powered-speaker can be used for loudspeaker audio. Have at it and best of luck.

Rich KB8TAD

On Fri, Mar 24, 2017 at 4:05 PM, Nick Broline via BoatAnchors <boatanchors@theporch.com> wrote:

> I have coached a new HS graduate through his Extra. ... Now he
> wants to build his own receiver.
>
> We are considering cooperatively designing one that is reminiscent of the
> National SW-3 and its variants.
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